

Day : Thursday

Date: 5/1/2003

Time: 12:37:57

**PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = HAYAKAWA

First Name = TOSHIRO

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#"><u>10360655</u></a>	Not Issued	020	02/10/2003	STRIPE TYPE SEMICONDUCTOR LIGHT EMITTING ELEMENT HAVING INGAN ACTIVE LAYER, COMBINED WITH OPTICAL RESONATOR INCLUDING WAVELENGTH SELECTION ELEMENT	HAYAKAWA, TOSHIRO
<a href="#"><u>10329762</u></a>	Not Issued	019	12/27/2002	IMAGE EXPOSURE DEVICE AND LASER EXPOSURE DEVICE APPLIED THERETO	HAYAKAWA, TOSHIRO
<a href="#"><u>10329511</u></a>	Not Issued	020	12/27/2002	GALLIUM NITRIDE BASED SEMICONDUCTOR LASER AND IMAGE EXPOSURE DEVICE	HAYAKAWA, TOSHIRO
<a href="#"><u>10328179</u></a>	Not Issued	019	12/26/2002	IMAGE EXPOSING APPARATUS AND IMAGE EXPOSING METHOD	HAYAKAWA, TOSHIRO
<a href="#"><u>10144863</u></a>	Not Issued	030	05/15/2002	OPTICAL RECORDING METHOD, APPARATUS, SYSTEM AND MEDIUM USING HIGH-POWER LASER LIGHT	HAYAKAWA, TOSHIRO
<a href="#"><u>10056038</u></a>	Not Issued	030	01/28/2002	LIGHT SOURCE APPARATUS EQUIPPED WITH A GAN TYPE SEMICONDUCTOR LASER, A METHOD OF ELIMINATING STRAY LIGHT, AND AN IMAGE FORMING APPARATUS	HAYAKAWA, TOSHIRO
<a href="#"><u>09984388</u></a>	Not Issued	041	10/30/2001	LIGHT-EMITTING DIODE	HAYAKAWA, TOSHIRO
<a href="#"><u>09962138</u></a>	Not Issued	120	09/26/2001	SEMICONDUCTOR LASER DEVICE IN WHICH	HAYAKAWA, TOSHIRO

				THICKNESSES OF OPTICAL GUIDE REGION AND ALGAN CLADDING LAYERS SATISFY PREDETERMINED CONDITION	
<u>09848325</u>	Not Issued	168	05/04/2001	OPTICAL RECORDING METHOD AND OPTICAL RECORDING APPARATUS EMPLOYING THE SAME	HAYAKAWA, TOSHIROU
<u>09840025</u>	Not Issued	071	04/24/2001	SEMICONDUCTOR LASER MODULE HAVING OPTICAL WAVELENGTH CONVERSION ELEMENT AND SEMICONDUCTOR LASER ELEMENT WHICH INCLUDES QUANTUM-WELL SUBLAYERS HAVING DIFFERENT THICKNESSES AND/OR COMPOSITIONS	HAYAKAWA, TOSHIRO
<u>09826851</u>	Not Issued	041	04/06/2001	SEMICONDUCTOR LASER ELEMENT AND SEMICONDUCTOR LASER	HAYAKAWA, TOSHIRO
<u>09820357</u>	6567444	150	03/29/2001	HIGH-POWER SEMICONDUCTOR LASER DEVICE IN WHICH NEAR-EDGE PORTIONS OF ACTIVE LAYER ARE REMOVED	HAYAKAWA, TOSHIRO
<u>09801695</u>	Not Issued	071	03/09/2001	FUNDAMENTAL-TRANSVERSE-MODE INDEX-GUIDED SEMICONDUCTOR LASER DEVICE HAVING UPPER OPTICAL WAVEGUIDE LAYER THINNER THAN LOWER OPTICAL WAVEGUIDE LAYER	HAYAKAWA, TOSHIRO
<u>09793138</u>	Not Issued	071	02/27/2001	HIGH-OUTPUT SEMICONDUCTOR LASER ELEMENT, HIGH-OUTPUT SEMICONDUCTOR LASER APPARATUS AND METHOD OF MANUFACTURING THE SAME	HAYAKAWA, TOSHIRO
<u>09779586</u>	Not Issued	071	02/09/2001	LASER APPARATUS INCLUDING SURFACE-EMITTING SEMICONDUCTOR EXCITED WITH SEMICONDUCTOR	HAYAKAWA, TOSHIRO

				LASER ELEMENT, AND DIRECTLY MODULATED	
09756199	6362515	150	01/09/2001	GAN SUBSTRATE INCLUDING WIDE LOW - DEFECT REGION FOR USE IN SEMICONDUCTOR ELEMENT	HAYAKAWA, TOSHIRO
09659847	Not Issued	093	09/11/2000	LASER APPARATUS IN WHICH SURFACE-EMITTING SEMICONDUCTOR IS EXCITED WITH SEMICONDUCT LASER ELEMENT AND HIGH-ORDER OSCILLATION MODES ARE SUPPRESSED	HAYAKAWA, TOSHIRO
09648807	Not Issued	071	08/28/2000	SEMICONDUCTOR LASER DEVICE HAVING THICKENED IMPURITY-DOPED ALUMINUM-FREE OPTICAL WAVEGUIDE LAYERS	HAYAKAWA, TOSHIRO
09611972	6433345	150	07/06/2000	FLUORESCENCE OBSERVING APPARATUS	HAYAKAWA, TOSHIRO
09611229	Not Issued	041	07/06/2000	FLUORESCENCE OBSERVING APPARATUS	HAYAKAWA, TOSHIRO
09604433	6560264	150	06/28/2000	STRIPE TYPE SEMICONDUCTOR LIGHT EMITTING ELEMENT HAVING INGAN ACTIVE LAYER, COMBINED WITH OPTICAL RESONATOR INCLUDING WAVELENGTH SELECTION ELEMENT	HAYAKAWA, TOSHIRO
09315068	Not Issued	071	05/20/1999	SEMICONDUCTOR LASER AND METHOD OF MANUFACTURING THE SAME	HAYAKAWA, TOSHIRO
08971296	5917577	150	11/17/1997	IMAGE EXPOSING DEVICE	HAYAKAWA , TOSHIRO
07858733	5258326	150	03/27/1992	QUANTUM DEVICE FABRICATION METHOD	HAYAKAWA , TOSHIROH
07676652	5196369	150	03/28/1991	METHOD OF PRODUCING A LIGHT EMITTING DIODE ARRAY DEVICE	HAYAKAWA , TOSHIRO
07676634	5084892	150	03/28/1991	WIDE GAIN REGION LASER DIODE	HAYAKAWA , TOSHIRO

<u>07676617</u>	5105236	150	03/28/1991	HETEROJUNCTION LIGHT-EMITTING DIODE ARRAY	HAYAKAWA , TOSHIRO
<u>07385592</u>	5033043	150	07/10/1989	OPTICAL HEAD APPARATUS FOR OPTICAL DISKS	HAYAKAWA , TOSHIRO
<u>07311403</u>	Not Issued	166	02/15/1989	SEMICONDUCTOR DEVICE	HAYAKAWA , TOSHIRO
<u>07291124</u>	4905246	150	12/28/1988	SEMICONDUCTOR LASER DEVICE	HAYAKAWA , TOSHIRO
<u>07285342</u>	4899349	150	12/14/1988	SEMICONDUCTOR LASER DEVICE	HAYAKAWA , TOSHIRO
<u>07277994</u>	Not Issued	161	11/30/1988	METHOD FOR THE PRODUCTION OF SEMICONDUCTOR DEVICES	HAYAKAWA , TOSHIRO
<u>07274074</u>	5001522	150	11/21/1988	OPTICAL SEMICONDUCTOR DEVICE	HAYAKAWA , TOSHIRO
<u>07256097</u>	4941024	150	10/11/1988	SEMICONDUCTOR APPARATUS	HAYAKAWA , TOSHIRO
<u>07255049</u>	4890293	150	10/07/1988	SEMICONDUCTOR LASER DEVICE	HAYAKAWA , TOSHIRO
<u>07254080</u>	4901326	250	10/06/1988	SEMICONDUCTOR LASER DEVICE	HAYAKAWA , TOSHIRO
<u>07186818</u>	4862470	150	04/27/1988	SEMICONDUCTOR LASER DEVICE	HAYAKAWA , TOSHIRO
<u>07012702</u>	4787089	150	02/09/1987	A QUANTUM WELL SEMICONDUCTOR LASER DEVICE	HAYAKAWA , TOSHIRO
<u>06920585</u>	4841533	150	10/17/1986	A SEMICONDUCTOR LASER DEVICE HAVING A GRADED INDEX WAVEGUIDE	HAYAKAWA , TOSHIRO
<u>06910530</u>	4769822	150	09/23/1986	SEMICONDUCTOR LASER DEVICE	HAYAKAWA , TOSHIRO
<u>06905526</u>	Not Issued	161	09/09/1986	MOLECULAR BEAM EPITAXIAL GROWTH APPARATUS	HAYAKAWA , TOSHIRO
<u>06905516</u>	4807235	150	09/09/1986	SEMICONDUCTOR LASER DEVICE	HAYAKAWA , TOSHIRO
<u>06885920</u>	Not Issued	166	07/15/1986	SEMICONDUCTOR LASER DEVICE	HAYAKAWA , TOSHIRO
<u>06884554</u>	4745612	150	07/11/1986	A SEPARATE CONFINEMENT HETEROSTRUCTURE SEMICONDUCTOR LASER DEVICE	HAYAKAWA , TOSHIRO
<u>06854248</u>	4759024	150	04/21/1986	A SEMICONDUCTOR LASER DIVICE HAVING AN	HAYAKAWA , TOSHIRO

				OSCILLATION WAVELENGTH IN THE VISIBLE SHORT - WAVELENGTH REGION	
<u>06843146</u>	<u>4824518</u>	150	03/24/1986	METHOD FOR THE PRODUCTION OF SEMICONDUCTOR DEVICES	HAYAKAWA , TOSHIRO
<u>06805522</u>	Not Issued	161	12/06/1985	OPTICAL SEMICONDUCTOR DEVICE	HAYAKAWA , TOSHIRO
<u>06801777</u>	Not Issued	166	11/26/1985	SEMICONDUCTOR DEVICE	HAYAKAWA , TOSHIRO
<u>06772789</u>	<u>4737959</u>	150	09/05/1985	SEMICONDUCTOR LASER ARRAY DEVICE	HAYAKAWA , TOSHIRO
<u>06644437</u>	<u>4569721</u>	150	08/27/1984	METHOD FOR THE PRODUCTION OF SEMICONDUCTOR LASERS	HAYAKAWA , TOSHIRO
<u>06633990</u>	<u>4637029</u>	150	07/24/1984	SEMICONDUCTOR LASER	HAYAKAWA , TOSHIRO

[Search and Display More Records.](#)

Last Name	First Name	
<b>Search Another: Inventor</b>	<input type="text" value="hayakawa"/>	<input type="text" value="toshiro"/>
		<input type="button" value="Search"/>

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | Home page

Day : Thursday

Date: 5/1/2003

Time: 12:35:58

**PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = SONODA

First Name = SHINICHIRO

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09972960	Not Issued	030	10/10/2001	LIGHT WAVELENGTH CONVERTING MODULE	SONODA, SHINICHIRO
09730248	Not Issued	041	12/05/2000	LASER LIGHT SOURCE IN WHICH SEMICONDUCTOR LIGHT EMITTING ELEMENT IS BUTT-COUPLED TO WAVELENGTH SELECTION ELEMENT SO AS TO FORM ANTIREFLECTION OPTICAL SYSTEM	SONODA, SHINICHIRO
09698209	Not Issued	030	10/30/2000	LIGHT WAVELENGTH CONVERTING SYSTEM	SONODA, SHINICHIRO
09576426	Not Issued	061	05/22/2000	SEMICONDUCTOR LASER DEVICE WITH WAVELENGTH SELECTION AND HIGH-FREQUENCY MODULATION OF DRIVING CURRENT	SONODA, SHINICHIRO
09517589	Not Issued	061	03/03/2000	LIGHT SCANNING AND RECORDING APPARATUS	SONODA, SHINICHIRO
09343205	6385219	150	06/30/1999	LASER DIODE PUMPED SOLID STATE LASER	SONODA , SHINICHIRO
08759794	5838486	150	12/04/1996	OPTICAL WAVELENGTH CONVERSION ELEMENT METHOD OF MANUFACTURING THE SAME AND OPTICAL WAVELENGTH CONVERSION MODULE	SONODA , SHINICHIRO
08701055	5878175	150	08/21/1996	ELECTRO-OPTICAL WAVEGUIDE ELEMENT WITH REDUCED DC DRIFT PHENOMENA	SONODA , SHINICHIRO
08487517	5566258	150	06/07/1995	WAVEGUIDE TYPE	SONODA ,

				ELECTRO-OPTICAL ELEMENT COMPRISING MATERIAL HAVING SPECIFIC RESISTANCE RANGING BETWEEN 107 - 1011 OMEGA CM	SHINICHIRO
08413900	Not Issued	166	03/30/1995	ELECTRO-OPTICAL WAVEGUIDE ELEMENT WITH REDUCED DC DRIFT PHENOMENA	SONODA , SHINICHIRO

Inventor Search Completed: No Records to Display.

	Last Name	First Name	
<b>Search Another: Inventor</b>	<input type="text" value="sonoda"/>	<input type="text" value="shinichiro"/>	<input type="button" value="Search"/>

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | Home page